

WHAT IS CLAIMED IS:

1. An electronic conference system, comprising:
  - a first information processing equipment to be used by
  - 5 a speaker of a presentation to be presented to audience;
  - a second information processing equipment to be used by the audience; and
  - a network connecting the first information processing equipment and the second information processing equipment;
  - 10 the first information processing equipment having:
    - a storage device configured to store presentation data prepared by the speaker;
    - an information acquisition device configured to acquire information regarding the second information
    - 15 processing equipment from the second information processing equipment;
    - a producing device configured to produce presentation data for transmission suitable for the second information processing equipment, by applying a prescribed
    - 20 processing to the presentation data stored in the storage device, according to the information regarding the second information processing equipment acquired by the information acquisition device; and
    - a transmission device configured to transmit the
    - 25 presentation data for transmission produced by the producing device, to the second information processing equipment; and
    - the second information processing equipment having:
      - an information output device configured to output
      - 30 the information regarding the second information processing equipment in response to a request from the first information processing equipment;
      - a reception device configured to receive the presentation data for transmission transmitted from the
      - 35 first information processing equipment; and

a display device configured to display the presentation data for transmission received by the reception device.

5 2. The electronic conference system of claim 1, wherein the information acquisition device acquires a data format displayable by the second information processing equipment as the information regarding the second information processing equipment, and

10 the producing device produces the presentation data for transmission by converting an original data format of the presentation data stored in the storage device into the data format displayable by the second information processing equipment as acquired by the information  
15 acquisition device.

3. The electronic conference system of claim 1, wherein the information acquisition device acquires a data size receivable by the second information processing equipment  
20 as the information regarding the second information processing equipment, and

the producing device produces the presentation data for transmission by converting the presentation data stored in the storage device such that a resulting data size of  
25 converted presentation data matches the data size receivable by the second information processing equipment as acquired by the information acquisition device.

4. The electronic conference system of claim 1, wherein  
30 the information acquisition device acquires a display screen size of the second information processing equipment as the information regarding the second information processing equipment, and

the producing device produces the presentation data  
35 for transmission by converting the presentation data stored

in the storage device such that a resulting display screen size of converted presentation data matches the display screen size of the second information processing equipment as acquired by the information acquisition device.

5

5. The electronic conference system of claim 1, wherein the information acquisition device acquires a desired data transmission rate of the second information processing equipment as the information regarding the second  
10 information processing equipment, and

the producing device produces the presentation data for transmission by compressing the presentation data stored in the storage device according to an actual data transmission rate between the first information processing  
15 equipment and the second information processing equipment and the desired data transmission rate of the second information processing equipment as acquired by the information acquisition device.

20 6. A speaker's information processing equipment to be used by a speaker of a presentation to be presented to audience using an audience's information processing equipment connected to the speaker's information processing equipment through a network, the speaker's information  
25 processing equipment comprising:

a storage device configured to store presentation data prepared by the speaker;

an information acquisition device configured to acquire information regarding the audience's information processing  
30 equipment from the audience's information processing equipment;

a producing device configured to produce presentation data for transmission suitable for the audience's information processing equipment, by applying a prescribed  
35 processing to the presentation data stored in the storage

device, according to the information regarding the audience's information processing equipment acquired by the information acquisition device; and

- 5 a transmission device configured to transmit the presentation data for transmission produced by the producing device, to the audience's information processing equipment.

7. A computer program product for causing a computer to function as a speaker's information processing equipment to be used by a speaker of a presentation to be presented to audience using an audience's information processing equipment connected to the speaker's information processing equipment through a network, the computer program product comprising:

a first computer program code for causing the computer to store presentation data prepared by the speaker in a storage device;

- 20 a second computer program code for causing the computer to acquire information regarding the audience's information processing equipment from the audience's information processing equipment;

- 25 a third computer program code for causing the computer to produce presentation data for transmission suitable for the audience's information processing equipment, by applying a prescribed processing to the presentation data stored in the storage device, according to the information regarding the audience's information processing equipment acquired by the second computer program code; and

- 30 a fourth computer program code for causing the computer to transmit the presentation data for transmission produced by the third computer program code, to the audience's information processing equipment.

- 35 8. An electronic conference system, comprising:

a first information processing equipment to be used by a speaker of a presentation to be presented to audience;

a plurality of second information processing equipments to be used by the audience; and

- 5 a network connecting the first information processing equipment and the second information processing equipments;  
the first information processing equipment having:

a storage device configured to store presentation data prepared by the speaker;

- 10 an information acquisition device configured to acquire information regarding each second information processing equipment from each second information processing equipment;

- a producing device configured to produce a  
15 plurality of presentation data for transmission suitable for the second information processing equipments respectively, by applying a prescribed processing to the presentation data stored in the storage device, according to the information regarding each second information  
20 processing equipment acquired by the information acquisition device; and

- a multicasting device configured to produce a transmission target list indicating each group of those second information processing equipments to which identical  
25 presentation data for transmission are to be transmitted, and multicast the presentation data for transmission to the second information processing equipments according to the transmission target list; and

each second information processing equipment having:

- 30 an information output device configured to output the information regarding each second information processing equipment in response to a request from the first information processing equipment;

- a reception device configured to receive the  
35 presentation data for transmission transmitted from the

first information processing equipment; and

a display device configured to display the presentation data for transmission received by the reception device.

5

9. The electronic conference system of claim 8, wherein the information acquisition device acquires a data format displayable by each second information processing equipment as the information regarding each second information

10 processing equipment, and

the producing device produces the presentation data for transmission by converting an original data format of the presentation data stored in the storage device into the data format displayable by each second information

15 processing equipment as acquired by the information acquisition device.

10. The electronic conference system of claim 8, wherein the information acquisition device acquires a data size receivable by each second information processing equipment as the information regarding each second information processing equipment, and

the producing device produces the presentation data for transmission by converting the presentation data stored in the storage device such that a resulting data size of converted presentation data matches the data size receivable by each second information processing equipment as acquired by the information acquisition device.

30 11. The electronic conference system of claim 8, wherein the information acquisition device acquires a display screen size of each second information processing equipment as the information regarding each second information processing equipment, and

35 the producing device produces the presentation data

for transmission by converting the presentation data stored in the storage device such that a resulting display screen size of converted presentation data matches the display screen size of each second information processing equipment as acquired by the information acquisition device.

12. The electronic conference system of claim 8, wherein the information acquisition device acquires a desired data transmission rate of each second information processing equipment as the information regarding each second information processing equipment, and

the producing device produces the presentation data for transmission by compressing the presentation data stored in the storage device according to an actual data transmission rate between the first information processing equipment and each second information processing equipment and the desired data transmission rate of each second information processing equipment as acquired by the information acquisition device.

13. A speaker's information processing equipment to be used by a speaker of a presentation to be presented to audience using a plurality of audience's information processing equipments connected to the speaker's information processing equipment through a network, the speaker's information processing equipment comprising:

a storage device configured to store presentation data prepared by the speaker;

an information acquisition device configured to acquire information regarding each audience's information processing equipment from each audience's information processing equipment;

a producing device configured to produce a plurality of presentation data for transmission suitable for the audience's information processing equipments respectively,

by applying a prescribed processing to the presentation data stored in the storage device, according to the information regarding each audience's information processing equipment acquired by the information

5 acquisition device; and

a multicasting device configured to produce a transmission target list indicating each group of those audience's information processing equipments to which identical presentation data for transmission are to be  
10 transmitted, and multicast the presentation data for transmission to the audience's information processing equipments according to the transmission target list.

14. A computer program product for causing a computer to  
15 function as a speaker's information processing equipment to be used by a speaker of a presentation to be presented to audience using a plurality of audience's information processing equipments connected to the speaker's information processing equipment through a network, the  
20 computer program product comprising:

a first computer program code for causing the computer to store presentation data prepared by the speaker in a storage device;

a second computer program code for causing the  
25 computer to acquire information regarding each audience's information processing equipment from each audience's information processing equipment;

a third computer program code for causing the computer to produce a plurality of presentation data for  
30 transmission suitable for the audience's information processing equipments respectively, by applying a prescribed processing to the presentation data stored in the storage device, according to the information regarding each audience's information processing equipment acquired  
35 by the second computer program code; and



a fourth computer program code for causing the computer to produce a transmission target list indicating each group of those audience's information processing equipments to which identical presentation data for transmission are to be transmitted, and multicast the presentation data for transmission to the audience's information processing equipments according to the transmission target list.

- 10 15. An electronic conference system, comprising:
- a first information processing equipment to be used by a speaker of a presentation to be presented to audience;
  - a second information processing equipment to be used by the audience; and
- 15 a network connecting the first information processing equipment and the second information processing equipment;
- the first information processing equipment having:
    - a storage device configured to store presentation data prepared by the speaker;
  - 20 a spare data producing device configured to produce spare data corresponding to at least a part of the presentation data stored in the storage device by converting an original data format of the at least a part of the presentation data into a different data format; and
- 25 a transmission device configured to transmit the spare data produced by the spare data producing device and the presentation data containing original data corresponding to the spare data, to the second information processing equipment; and
- 30 the second information processing equipment having:
- a reception device configured to receive the spare data and the presentation data transmitted from the first information processing equipment;
  - a display data producing device configured to
- 35 produce display data in a data format displayable by the

second information processing equipment from the spare data and the presentation data received by the reception device, by using one of the spare data and the original data that are displayable by the second information processing

5 equipment; and

a display device configured to display the display data produced by the display data producing device.

16. The electronic conference system of claim 15, wherein  
10 the spare data producing device produces the spare data which are image data obtained from the original data which are character data.

17. An audience's information processing equipment to be  
15 used by audience of a presentation to be presented by a speaker using a speaker's information processing equipment connected to the audience's information processing equipment through a network, the audience's information processing equipment comprising:

20 a reception device configured to receive spare data corresponding to at least a part of presentation data prepared by the speaker and the presentation data containing original data corresponding to the spare data, which are transmitted from the speaker's information  
25 processing equipment, the spare data being obtained by converting an original data format of the at least a part of the presentation data into a different data format;

a display data producing device configured to produce  
display data in a data format displayable by the audience's  
30 information processing equipment from the spare data and the presentation data received by the reception device, by using one of the spare data and the original data that are displayable by the audience's information processing  
equipment; and

35 a display device configured to display the display

data produced by the display data producing device.

18. A computer program product for causing a computer to function as an audience's information processing equipment to be used by audience of a presentation to be presented by a speaker using a speaker's information processing equipment connected to the audience's information processing equipment through a network, the computer program product comprising:

10 a first computer program code for causing the computer to receive spare data corresponding to at least a part of presentation data prepared by the speaker and the presentation data containing original data corresponding to the spare data, which are transmitted from the speaker's  
15 information processing equipment, the spare data being obtained by converting an original data format of the at least a part of the presentation data into a different data format;

a second computer program code for causing the  
20 computer to produce display data in a data format displayable by the audience's information processing equipment from the spare data and the presentation data received by the first computer program code, by using one of the spare data and the original data that are  
25 displayable by the audience's information processing equipment; and

a third computer program code for causing the computer to display the display data produced by the second computer program code.

30

35